

**REMARKS**

Claims 1-24 are pending in this Application. Applicant acknowledges, with appreciation, the Examiner's allowance of claims 2-7 and 10-24. Claims 1, 8, and 9 stand rejected.

Applicants submit that by the present Remarks, this application is placed in clear condition for immediate allowance.

**Claims 1, 8, and 9 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Hind et al. in view of Jackson et al.**

The Examiner asserted that Hind et al. fails to explicitly disclose wherein a signal is transmitted to the terminal apparatus which is a targeted communication party such that the directional pattern is varied so as to prevent each of said plurality of virtual terminal apparatuses at predetermined intervals. However, the Examiner asserted that Jackson et al. teaches the missing features of Hind et al., and concluded that it would have been obvious to modify the system of Hind et al. based on the teachings of Jackson et al. to arrive at the claimed subject matter. This rejection is respectfully traversed.

Applicant submits that Hind et al. and Jackson et al., either individually or in combination, do not disclose or suggest a radio apparatus including all the limitations recited in independent claim 1. Specifically, the applied combination does not teach, among other things, "the directional pattern is varied so as to prevent each of the plurality of virtual terminal apparatuses from continuously receiving a signal by changing said one of the plurality of virtual terminal apparatuses at predetermined intervals," as recited in independent claim 1.

Hind et al. discloses (1) a boundary defined by a base station ("BS") and two remote wireless sensors ("MP") as shown in Fig. 2; and (2) a BS communicating with a device located

in the boundary. Jackson et al. discloses an antenna configuration capable of changing the directionality.

Applicant believes that the Examiner appears to assert that while Hind et al. fails to disclose changing the direction in which the virtual terminal apparatus exists, Jackson et al. discloses changing the direction in which the virtual terminal apparatus exists.

Jackson et al. merely teaches a specific configuration for changing the direction. For example, Jackson et al. teaches changing the directionality by connecting strips 134, 136, and so on to patch 124 by switching means 155 (see column 8, line 37 to column 9, line 50, cited by the Examiner). However, Jackson et al. does not teach changing a combination of switches turned on at predetermined intervals. Accordingly, Jackson et al. fails to teach actively changing the directionality at predetermined intervals, as claimed.

Based on the foregoing, Applicant submits that Hind et al. and Jackson et al., either individually or in combination, do not disclose or suggest a radio apparatus including all the limitations recited in independent claim 1. The above discussion is applicable to independent claims 8 and 9. Applicant, therefore, respectfully solicits withdrawal of the rejection of the claims and favorable consideration thereof.

### **Conclusion**

It should, therefore, be apparent that the imposed rejections have been overcome and that all pending claims are in condition for immediate allowance. Favorable consideration is, therefore, respectfully solicited.

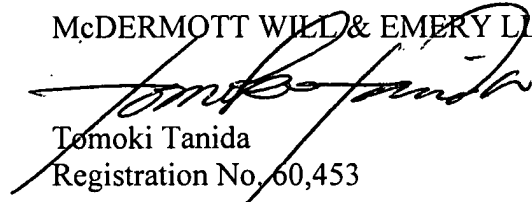
To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper,

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including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

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